


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Advanced Search

THE ACM DIGITAL LIBRARY

No results were found.

Please revise or start a new search instead.

Enter words, phrases or names below to revise your search.

Surround phrases or full names with double quotation marks.

SEARCH

Words or Phrases

Find **[any field]** with

all of

this

text

(and)

any

of

this

text

(or)

none

of

this

text

(not)

Names

Find

[any field]

with names

using all any none of the names

Keywords

Find author's
keywords

using all any none of the
keywords

Affiliations

Find
company or
school

using all any
 none of the affiliations

Publication

Find
publication

using all any none of the
names

Find publisher

using any none of the names

Published since **[year]** Published before **2004**

In publication types Journal Proceeding Transaction Magazine Newsletter

Conference

Find sponsor
names

Find location

using all any none of the locations

Find year
(yyyy)

using any none of the years

Identification codes

Find
ISBN/ISSN

Find DOI

Computing Classification System (CCS)

Find node

Required components

Find
subject/noun

Results must have Full Text Abstract Re

Look at primary category only



The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)